PRO-PLAY HOME ARCADE INSTRUCTION MANUAL

ECLECTIC PRODUCTS
Pro-Play Home Arcade

Thank you for your purchase of a Pro-Play Home Arcade. We have used the finest materials available to us for the components of this ready to assemble kit. The pre-finished vinyl clad board is the same material used in real arcade cabinets.

The joysticks and buttons are also the exact models used in real arcade machines and feature the latest microswitch technology for better play, higher scores and longer life.

You have been provided with special screws designed for this type of materials and assembly. Each of the holes has been precisely drilled using a computer guided drilling machine to ensure absolute accuracy. Once assembled, the Pro-Play Home Arcade will provide you with many hours of fun for years to come for you and your friends.

HELPFUL HINTS

First, before you grab that screw driver, a few hints that may make the assembly easier.

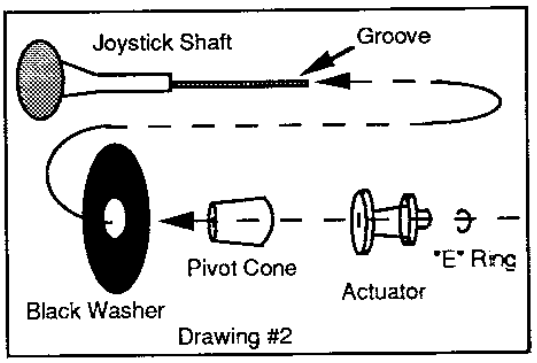
1. Allow at least 2 hours for assembly. Most of the time you will be turning in the screws.
2. The pilot holes in the cross members are small in diameter on purpose. Make sure the holes in the side panels line up with the hole in the cross members. If you can't find a hole where there is supposed to be one, make sure you've got the right cross member.
3. Lubricate the screws with oil, soap or wax before you insert them into the holes. This will make the task of turning the screws in a lot easier.
4. The side panels are reversible, you can choose either the grey or black sides out.
5. The only tools you need are a couple of good screw drivers and perhaps a pliers.
6. If you have access to a power driver, you will find it makes assembly a lot easier.
7. You will find a helper to be invaluable at certain points, this has turned out to be a very good father/son, husband/wife project.
8. We suggest you read through the instructions a couple of times to acquaint yourself with the procedures, parts, techniques and sequencing of steps.

STEP #1

Complete the assembly of the joysticks. Locate the Controller Panel, in the diagram on the following page.

This is a good time to apply the decals to the control panel, check the diagram on page 8 for the proper positions. Locate the two joystick shafts and the assembly parts contained in two small plastic bags. Place the black washer on the shaft.

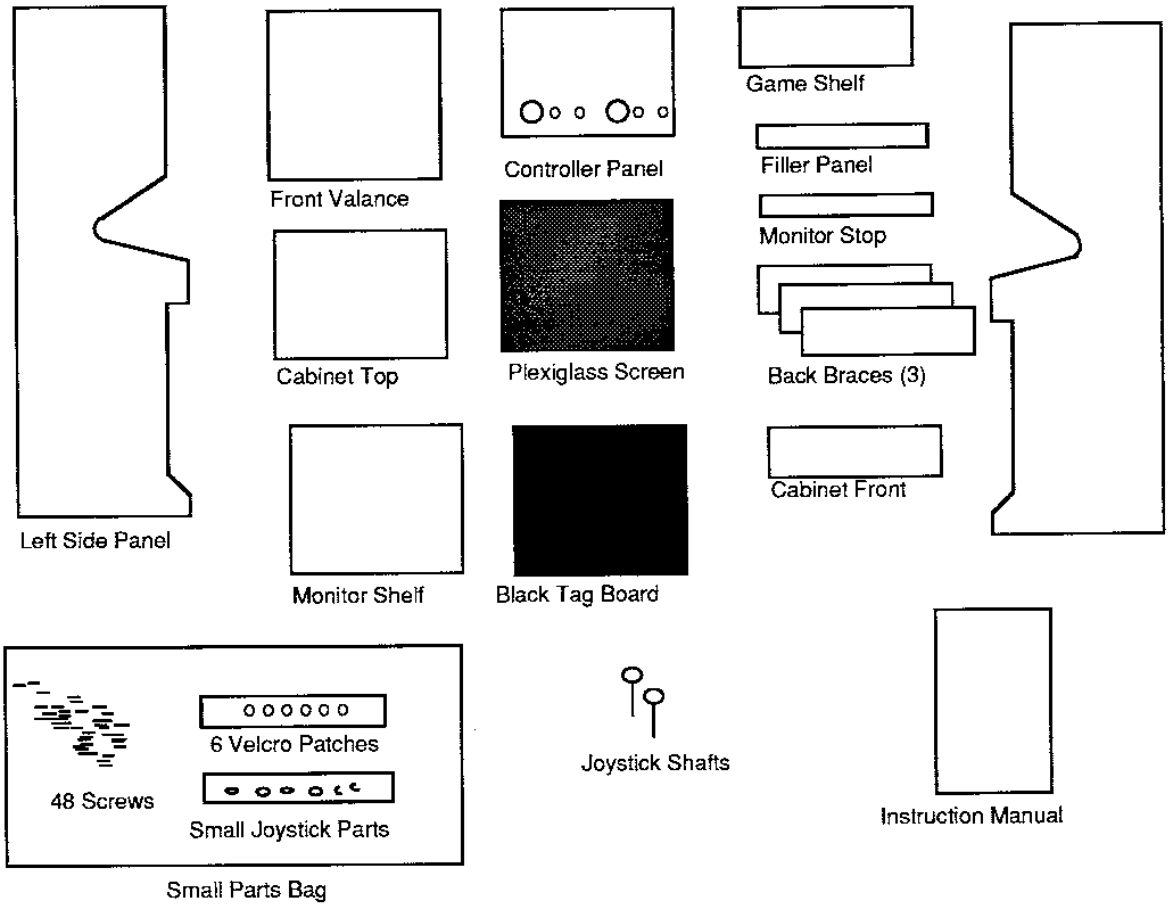
Insert the joystick shaft into the narrower end of the white **pivot cone**. Refer to drawing #2. Insert the shaft with the parts in place through the top of the panel and factory installed joystick housing. Place the white **actuator** on the shaft, this time wider end first and push up into the joystick housing. You may need to move the shaft to a centered position in order to do this.



Drawing #2

ECLECTIC PRODUCTS
Pro-Play Home Arcade

PRO-PLAY HOME ARCADE COMPONENTS IN KIT



Push down on the joystick shaft and push the "E" ring into place in the groove at the bottom of the shaft. Repeat for the second joystick. It is generally a good idea to "Test Drive" the control panel prior to installation. If you have trouble getting the characters to move, check the actuator to make sure you've got the wide end up in the housing. Check the trouble shooting section if the panel\fails to \work properly.

If it all checks out, you're ready to begin the actual assembly of the arcade cabinet.

STEP #2

Cabinet Assembly

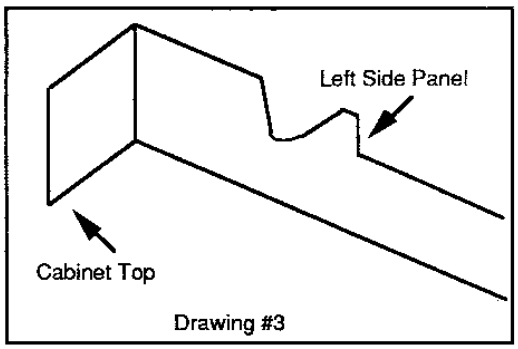
Set one of the side panels up on its back edge as shown in drawing #3.

Brace it with a box or chair so it stands or have your helper hold it. Next locate the cabinet top. It is a piece of uncovered board approximately 18"x 24" with 3 predrilled holes in each of the sides.

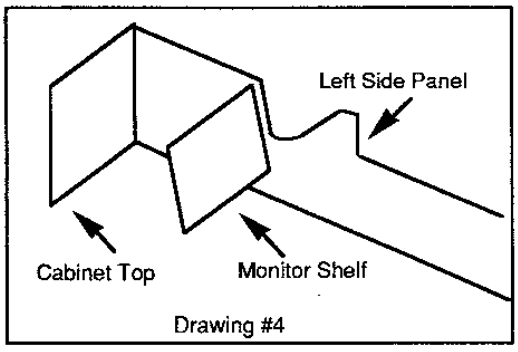
Place in position as shown in drawing #3 and attach with 3 of the screws.

Don't tighten the screws down all the way, leave about 1/4" so you can shift the panels to find the holes.

Next, locate the Monitor Shelf. It is a panel approximately 21"x 24" covered on one side with the grey vinyl and finished on the front side with black "T" molding. Note, the panel has been cut in such a way to provide you with groove that the plexiglass panel that covers the TV can fit into.



Be sure the grey side is facing out and the groove facing up before you attach this panel. Again you will use 3 of the screws. See drawing #4 for details.

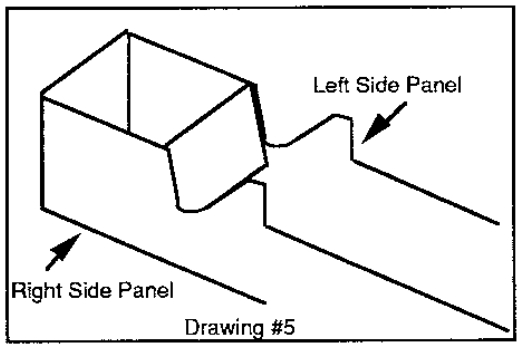


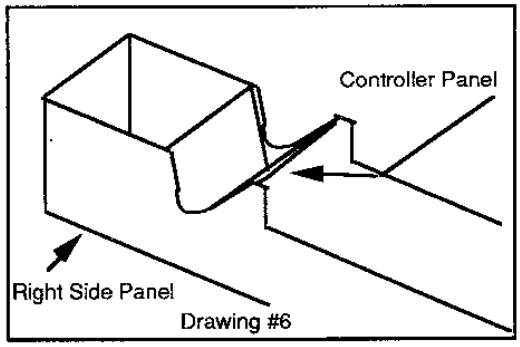
Now, set the Right Side Panel on its back edge and attach it to the two panels already in place as shown in drawing #5.

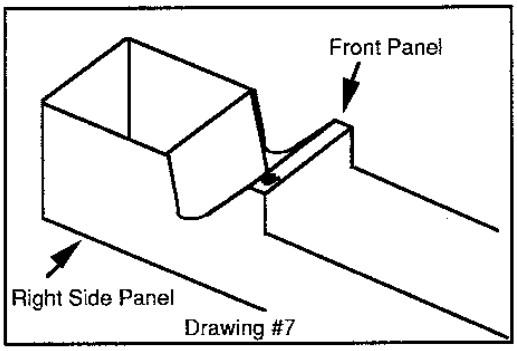
Next, position the pre-assembled controller panel in place as shown in drawing #6 and attach with 3 screws on each side.

Follow this with the front panel. The front panel is approximately 7"x 24" is covered on one side and has the cut out for the game system.

Be sure the cut out is on the left side as you face the cabinet. See drawing #7 for further details.



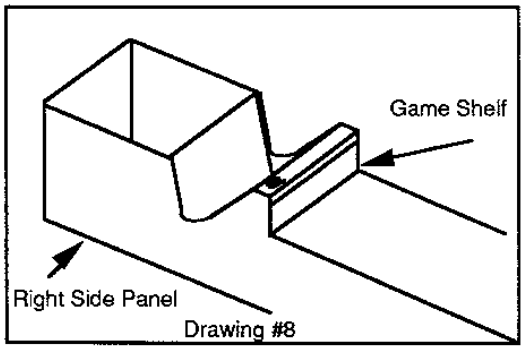




Hang in there, only 7 more parts to go! Next, locate the Game shelf panel.

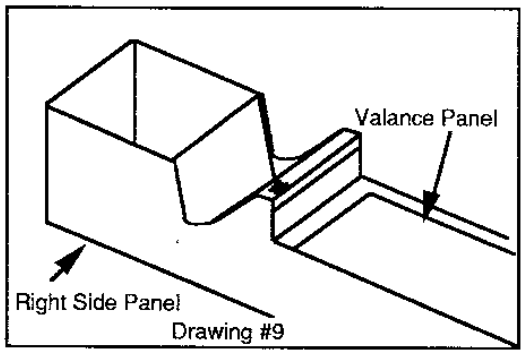
This panel is approximately 8"x 24" and is unfinished on both sides. Be sure you don't confuse this panel with the three braces.

Position as shown in drawing #8 and attach with 2 screws on each side.



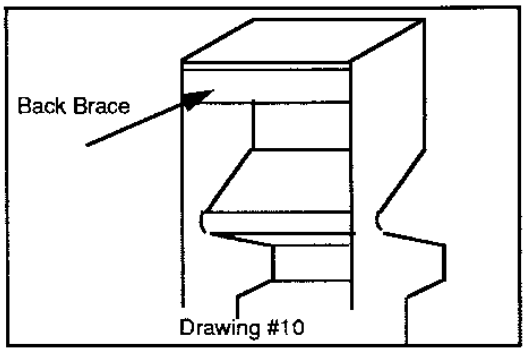
The valance panel is next. It is now real easy to find as it is 24"x 24" and covered in gray vinyl one just one side. Position and attach with 3 screws on each side. See drawing #9.

You can now set the cabinet upright. **Carefully** - use that helper here - lift the cabinet, and set it down on the bottom edge. Remember, the screws aren't completely turned in so the cabinet will be a little loose.



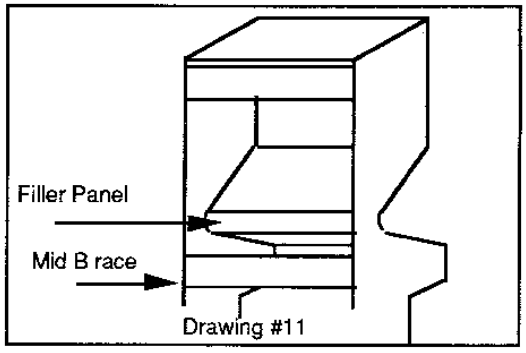
It is imperative that the partially assembled cabinet not be allowed to twist as it is set upright as this may pull some of the screws out of the cross members and cause some nasty damage to the parts.

Go around to the back and place the top brace in position. Attach with 2 screws as shown in drawing #10. Repeat for the middle and bottom braces.



You should have just 2 panels left at this point. Take the filler panel, a piece 3"x 24" covered on one side with one edge cut at an angle, and place in position between the bottom of the monitor panel and the back of the controller panel.

The angled end fits up against the bottom of the monitor panel. See drawing #11 for detail. Attach with one screw on each side.



The last panel is the TV/monitor stop. It goes into place after you've set your TV/monitor in position. Just set it aside for the time being.

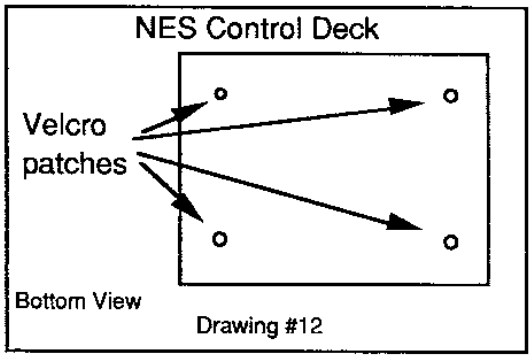
You can now go back and tighten down the screws. Once completed, you'll see just how sturdy this cabinet really is. We hope you will be pleased.

STEP # 3

Install your game system

You have been provided in the parts bag with either 6 sets of velcro patches or a strip of velcro. If you've got patches, take 4 of the patches, remove the protective backing from one side and attach them to the small rubber dots on the bottom of your NES control deck. See drawing #12. If you received the strip, cut 4 equal size pieces and apply as instructed above.

From the back side of the cabinet, place the control deck on the Game Shelf and position it so the cartridge door is roughly in the center of the opening in the front panel. Go around to the front to make sure it is where you want it. Mark the position on the Game Shelf with a pencil. Take the control deck back off the Game Shelf, wipe the shelf to remove any dust or dirt, remove the protective backing from the velcro.



Drawing #12

patches and set the control deck back in place on the Game Shelf where you made your marks. Press down to seat the velcro patches on the shelf.

Plug the cables from the controller panel into the joystick ports on the control deck. Be sure the cable from the joystick on the left is inserted into the port marked for player #1 or else the start/select buttons won't work.

STEP #4

Install the TV/monitor. Its almost game time!

The Pro-Play Home Arcade can accept any TV/monitor that is smaller than 23 1/2" wide and 20" high. From our investigations, this represents about 95% of all 19" and 20" TV's sold in the US and Canada.

This is a good point to move the arcade close to where you want it when you're done.

Carefully again, pick the cabinet up and put it down where you want it. Try not to slide the cabinet as it can cause damage if one of the edges catches.

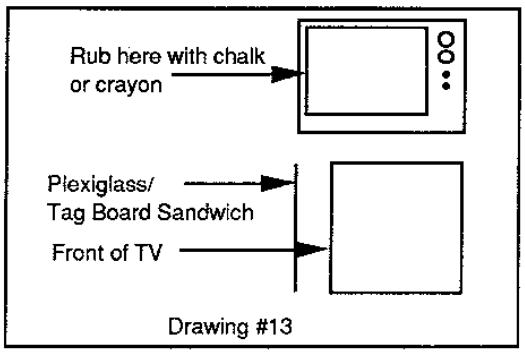
Once in place, simply pick up the TV/monitor and push into place on the monitor shelf. Push it back so the front of the TV/monitor is roughly in line with the groove in the monitor shelf.

We have provided you with a piece of black tag board. This, when properly cut, forms what we call the bezel. Once in place, it provides for a very finished look and prevents light from shining through from the back.

First, position the TV/monitor exactly where you want it. Next, cut the tag board to the size of the opening. We've found the best way to do this is to tape the tag board to the plexiglass piece and cut around the outside edge.

Trim the bottom so it is 1/4" shorter than the plexiglass. This allows the bezel piece to fit in place without fitting into the groove in the monitor shelf.

Rub the frontmost edge of the trim around the TV screen using a piece of white chalk or light colored crayon. Put the plexiglass screen with the bezel piece in place. See drawing #13. Making sure the bezel touches the front of the TV/monitor, gently, rub the back of the plexiglass, this will transfer some of the chalk to the bezel

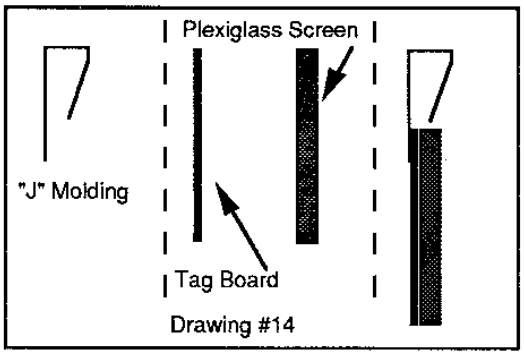


Drawing #13

and provide you with the exact size opening to cut. Remove the bezel piece from the plexiglass and cut the opening you've just marked.

Remove the protective covering from the plexiglass and attach the bezel to it. This is accomplished by using the "J" shaped molding to across the top of the plexiglass capturing the bezel piece in the process. See drawing #14 for details.

Place a couple of pieces of clear tape at the bottom to keep the bezel piece attached to the plexiglass when it is installed.

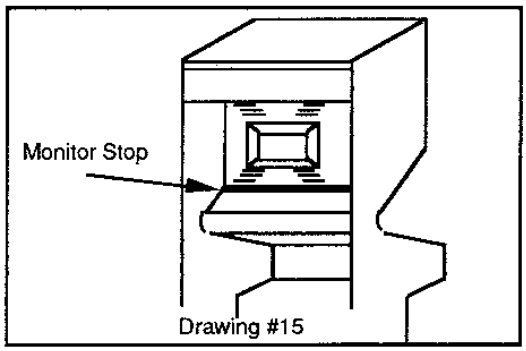


Drawing #14

Remove the protective backing from one side of the last 2 velcro patches and position them on the back of the "J" molding or cut two pieces from the vecro strip.

Put the plexiglass/bezel assembly into position in the cabinet and remove the remaining protective backings. Press the velcro into place with gentle pressure on the "J" molding.

You should be able to "peal" the plexiglass away from the cabinet top leaving part of the velcro patch behind. This allows you easy access to the controls on the TV/monitor by simply pulling the plexiglass away. You may need to add a staple to the part of the velcro patch that has been deposited on the cabinet top to keep it in place.



Drawing #15

From behind, push the TV/monitor forward until it touches the plexiglass.

Position the monitor stop behind the TV/monitor making sure it touches. Using the last two screws, attach the stop to the monitor shelf as shown in drawing #15

STEP# 5

Connections, decals, etc. Last Steps!

Connect your control deck to the TV/monitor as instructed by Nintendo in your owner's manual.

Plug the TV/monitor and control deck into a convenient electrical outlet.

Turn the TV and control deck on to make sure all connections have been properly made. If everything works, you're ready to play!

If you have our deluxe model that comes with decals, this is the time to apply them to the various panels. See the diagram on page 8.

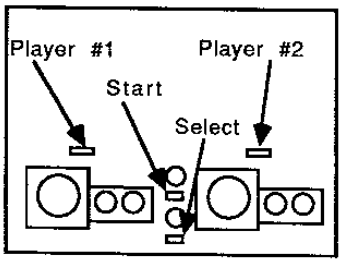
To make the job easier, first prepare a solution of dishwashing soap and water. One tablespoon of soap to about a gallon of water will do. Sponge some of the solution to the side panels, one decal at a time, peal the protective backing away and position the decal as shown in drawing #16.

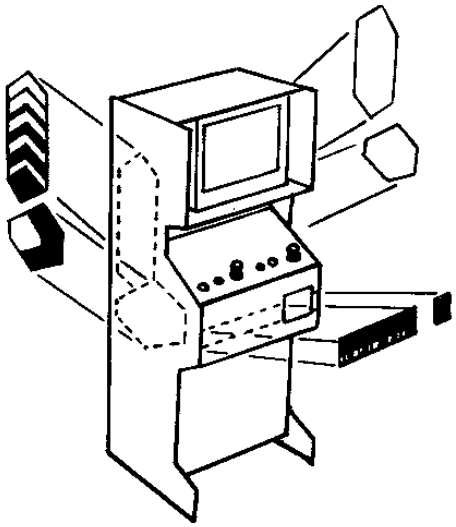
When you have the decals where you want them, press in place by going over them with a sponge to remove any excess water. The remaining water will evaporate and the decal will be permanently in place.

You will have to slightly loosen the fire buttons to position the decals around them. Likewise you will have to stretch the decal over the black washer on the joysticks.

Last but not least, press in place the grey plastic screw caps we've provided. Note here, if you elected to have the black side out, there is no need to use the screw caps as they are non functional, simply a finishing touch.

Position the Pro-Play Home Arcade where you want it and you're done.





STEP #6

TROUBLE SHOOTING YOUR PRO-PLAY HOME ARCADE

We have included this set of instructions in case you have difficulty in the assembly or operation of your Pro-Play Home Arcade.

While we can't anticipate every problem, but we think that a quick review of the items below and the appropriate "fix" we suggest will take care of all but a very few very unusual cases.

Difficulty in Assembly:

Virtually all assembly problems with the actual wood components of the Pro-Play Home Arcade can be solved by making sure that the holes in the side panels and the various shelves and cross member panels are properly lined up before assembly.

Another area you may encounter difficulty in, is the assembly of the Plexiglass and bezel parts using the "J" shaped moulding. It may take you a couple of tries to get it right. We've found the best technique is to start the moulding on one end and with the Plexiglass toward you, use a rolling action on the moulding, pulling it toward you. You will hear the moulding "click", at this point you can push down to secure the moulding. Continue until you've worked you way across the entire moulding.

The bezel is a commonly available product as are the velcro patches so if you should need to replace them, they are readily available at a variety or art supply store near you.

Difficulty in Operation:

With the control panel pre-assembled and pretested, you should not encounter any problems other than making sure that the controllers on the left side of the panel are

plugged into port #1 on the Nintendo and the controllers on the right are plugged into port #2. **Be sure the plugs are pushed all the way in!** They are very tight so they won't come loose when installed.

If the controllers are properly plugged in and you still experience difficulty, most likely the problem is that one of the wires that connects the controls to the Nintendo has come loose and needs to be re-attached.

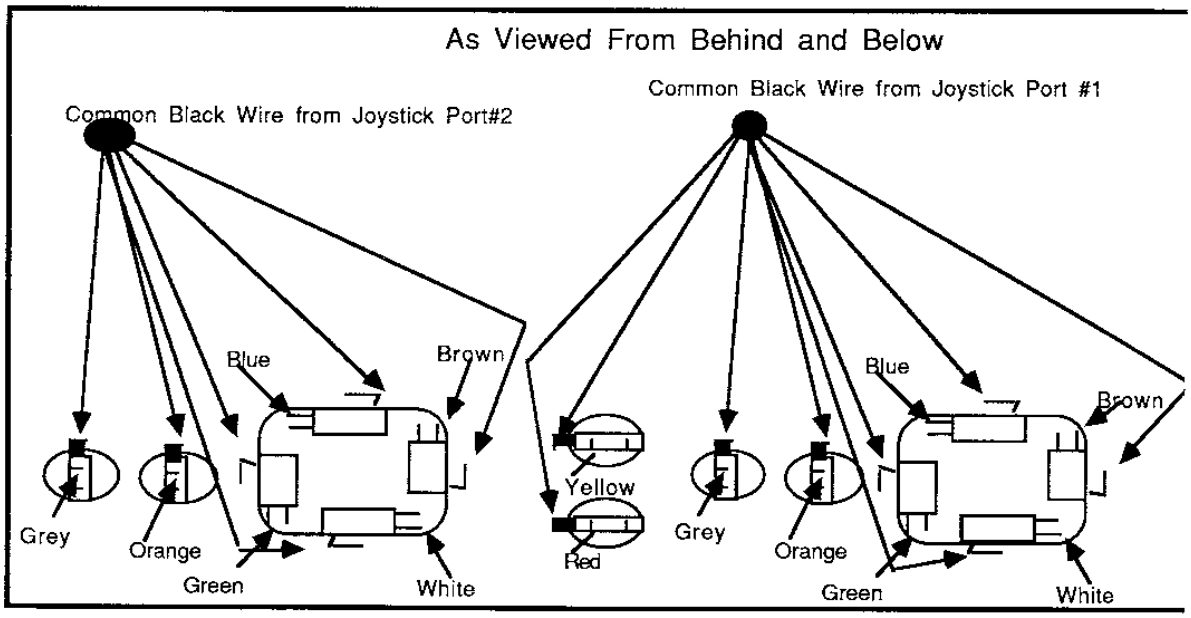
This is very easy to as the wires have a connector on the end of each wire that fits on the spades of the microswitches on the joysticks and buttons.

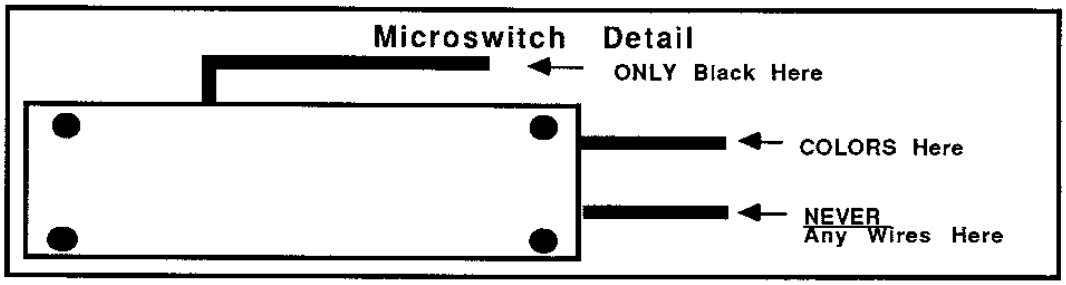
Follow the diagram below and you should be all set:

Now, the most important step of all, PLAY!!

We welcome your comments. If you would like to write us, please do so to the address below:

Eclectic Products
931 Matts Court
Los Altos, CA 94022





ECLECTIC PRODUCTS
Pro-Play Home Arcade
CONSUMER WARRANTY

The components of this product are warranted to be free of defects in material and workmanship for a period of one (1) year from the date of purchase to the original purchaser or, if given as a gift, to the original recipient when operated under normal circumstances. This warranty is provided in lieu of all other express warranties. All implied warranties of fitness and merchantability, shall expire one year from the original date of purchase. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This warranty is void if the product has been damaged by accident or unreasonable use, neglect, improper assembly, improper moving, or other causes not arising out of defects in materials or workmanship. This warranty is void if the product is used in a commercial environment or is modified in any way.

Eclectic Products shall not be liable for loss of the use of the product or other incidental or consequential costs, expenses or damages incurred by the purchaser. Some states do not allow the exclusion or limitation of incidental or consequential damages so the above exclusion may not apply to you.

During the warranty period, should a component prove to be defective, the consumer can exercise his rights under this warranty as follows:

Do not return the product or the defective component to the retail store.

Send a memo describing the defective part and the defect to the address below:

Eclectic Products, Customer Service
Repair Parts
931 Matts Court
Los Altos, CA 94022

Eclectic Products will determine to best means available to remedy the defect and will contact the consumer to describe the action being proposed.

After the expiration of the warranty, you may obtain repair parts for any of the components by contacting Eclectic Products at the address above.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

In order to provide you with better warranty service and to help us in the development of additional products please complete the warranty registration card and send to us at your convenience.

Purchaser_____Date of Purchase:___/___/___
Purchaser's Address_____City:_____ST:___ZIP:_____
Did you Purchase for yourself?___ If not purchased for yourself, then who?
Son__Daughter__Grandchild__Friend__Nephew__Niece__Other __
Does this person live with you?__What age (s) is (are) the primary users?__
Where did you purchase the Pro-Play Home Arcade? Name of Store_____
If you want to, please indicate the amount paid before tax $_____.__
Was the product delivered to your home$__
How many games does the primary user currently own? 5 or less__ 6 to 10__
11 to 20__ 21 to 30__ 31+__
Does the primary user own more than one video game system?__
Does the home where the Arcade will be used also own a personal computer?__
If yes, is this computer also used on occasion for game play?__

ECLECTIC PRODUCTS
Pro-Play Home Arcade

ECLECTIC PRODUCTS CUSTOMER SERVICE
780 Montague Expressway Suite 403
San Jose, CA 95131

Even with every attempt to ensure quality control, sometimes we goof and there may be a part missing from your Pro-Play Home Arcade. If you find you are missing anything, please check off the part from the list below and send this entire page to us. The reverse side is pre-addressed, simply fold where indicated, apply a stamp and mail. Be sure to provide your name and address where indicated so we know where to send the parts.

If this happens we want to apologize for the inconvenience.

Part #	Part Description	Quantity in the Kit	Check Here if Missing	Check Here if not working
1	Right Side Panel	1	( )	( )
2	Left Side Panel	1	( )	( )
3	Cabinet Top	1	( )	( )
4	Monitor Shelf	1	( )	( )
5	Controller Panel	1	( )	( )
6	Front Panel	1	( )	( )
7	Game Shelf Panel	1	( )	( )
8	Front Valance Panel	1	( )	( )
9	Back Braces	3	( )	( )
10	Filler Panel	1	( )	( )
11	Plexiglass Screen	1	( )	( )
12	Black Tag Board Bezel	1	( )	( )
13	"J" Molding	1	( )	( )
14	Monitor Stop	1	( )	( )
15	Joystick Shafts	2	( )	( )
16	Joystick Small Parts	2 Bags	( )	( )
17	Special Cabinet Screws	48	( )	( )
18	Velcro Patches or Velcro Strip	6	( )	( )
19	Plastic Screw Caps	46	( )	( )

SEND TO:

Name:_____
Address:_____
City:_____State:_____Zip Code:_____
Phone Number:_____-_____-_____
Name of Store Where Purchased:_____
Date Purchased:_____/_____/_____

ECLECTIC PRODUCTS
Pro-Play Home Arcade

STAPLE OR TAPE HERE

FROM:_____
_____
_____

Place
Stamp
Here

TO:
ECLECTIC PRODUCTS
931 Matts Court
Los Altos, CA 94022

FOLD HERE

Pro-Play Home Arcade is a trademark of Eclectic Products
© 1989, Eclectic Products. All Rights Reserved. No portion of this manual can be reproduced without the prior approval of Eclectic Products
Nintendo, and Control Deck are trademarks of Nintendo of America

FOLD HERE

WARNINGS:

WE HAVE DESIGNED A KIT THAT CAN TAKE A LOT OF HARD PLAY, JUST LIKE THE REAL ARCADE CABINETS, BUT IT WON'T STAND UP TO ABUSE.

YOU SHOULD NEVER ATTEMPT TO SLIDE YOUR ARCADE ACROSS A FLOOR. THIS IS PARTICULARLY IMPORTANT IF THE FLOOR IS CARPETED.

THE TV COULD FALL OUT AND THE CABINET COULD BE DAMAGED.

PROPER MOVING REQUIRES YOU TO REMOVE THE TV AND ONLY THEN PICK THE CABINET UP, MOVE IT TO ITS NEW POSITION AND REINSTALL THE TV.

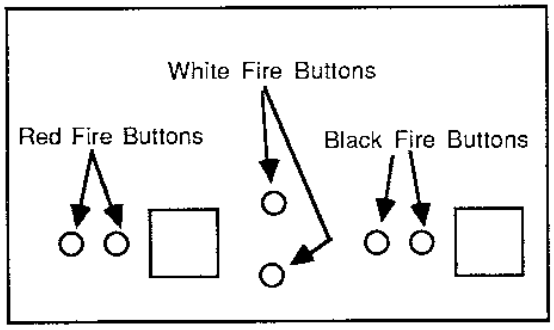
SPECIAL REVISED INSTRUCTIONS

Due to unforeseen difficulties encountered in shipping this product, STEP #1 in the instruction manual has been revised.

Ignore this section in the instruction manual and use this guide instead. We apologize for the inconvenience and trust you will not encounter any difficulty in assembling your Pro-Play Home Arcade.

To complete the assembly of the controller panel, first, install the joystick housings to the back side of the panel using the 1 1/2" Screws and Nylock Nuts provided.

Insert the fire buttons into the panel through the top and attach with the nylon nuts provided. Although there is no technical reason, we recommend you use the white buttons in the middle holes for start and select and the red and black for the fire buttons for the players. See the diagram below as a guide.



Once you have installed the joystick housings and buttons, you should apply the decals. See the diagram on page 8 of the instruction manual for the correct positioning.

Now, locate the joystick shafts and miscellaneous parts. Install the large black washer and the white pivot cone on the shaft. Be sure the wider end of the pivot cone is next to the red handle of the joystick. Insert the shaft into the joystick housing from the top side of the panel.

Install the white actuator on the shaft from behind the panel. Be sure the wider end is up in the joystick housing. Push down and slide the "E" ring into the groove on the end of the shaft.

Repeat for the other joystick. You are now ready to wire the panel. Open the enclosed wiring guide and tape it to the back side of the panel so it matches the positions of the joysticks and buttons.

Install each connector as indicated on the guide. The black wire has 8 individual connectors each is installed on the switch prong that is bent at a right angle. As drawing each of these wires would have made for a very messy drawing, we simply indicate where each of the black wires goes.

Note, the colored wires are installed on the prongs next to the bent ground prong.

Also note, the cable assemblies are universal, they can be used on either side. At the same time, you only need start and select (Red and Yellow) on one of the sides. Therefore, when the wiring is completed you will have a red, a yellow and two black connectors left over on one of the cable assemblies.

This is a good time to plug the board into your Nintendo system to make sure all of the wires are connected properly before you install the panel into the cabinet.

If you are having difficulty, check the following:

1. Make sure the plugs that install in the Nintendo are pushed all the way in. They are tighter than those on the Nintendo control pads and need a little extra effort to be completely set.

2. Make sure that you have not installed a wire on the prongs marked NC. See the guide for more detail.

3. Make sure that plugs are installed in the correct ports on the Nintendo. The setup with the red and yellow wires attached to the start and select buttons must be installed in controller port #1 on the Nintendo.

4. Recheck the wiring against the guide.

5. Make sure you have not mixed wires from the two cable assemblies. All of the wires from the cable assembly on the left need to be installed on the Joystick and buttons on the left. Likewise, all of the wires from the cable assembly on the right need to be installed on the joystick and fire buttons on the right as well as the start and select buttons in the middle.

If difficulties persist, please feel free to either write us at the address in the instruction manual or call us, if necessary at 415 941 9984 during the normal west coast business hours of 9:00AM to 5:00PM.

Once again we apologize for this change and we hope that these additional instructions have made the assembly process somewhat easier.